

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

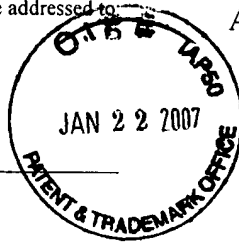
On

January 19, 2007

TOWNSEND and TOWNSEND and CREW LLP

By:

Mark T. Davis



Attorney Docket No.: 015114-066910US
Client Reference No.: A01174CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

CHONG, Yan et al.

Application No.: 10/799,409

Filed: March 12, 2004

For: CONTROL CIRCUIT FOR SELF-
COMPENSATING DELAY CHAIN FOR
MULTIPLE-DATE-RATE INTERFACES

Examiner: STOYNOV, Stefan

Art Unit: 2116

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



J. Matthew Zigmant
Reg. No. 44,005

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
JMZ:mtd



Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2006☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 180)**Complete if Known**

Application Number	10/799,409
Filing Date	March 12, 2004
First Named Inventor	Johnson, Brian D.
Examiner Name	STOYNOV, Stefan
Art Unit	2116
Attorney Docket No.	015114-066910US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Small Entity	Small Entity	Small Entity	Small Entity	Small Entity	
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)
Each independent claim over 3 (including Reissues)
Multiple dependent claims

Small Entity	
Fee (\$)	Fee (\$)
50	25
200	100
360	180
Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**
_____ -20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**
_____ -3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

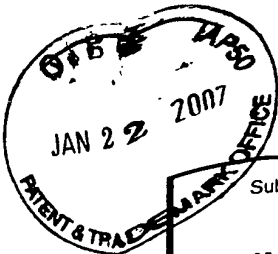
Total Sheets **Extra Sheets** **Number of each additional 50 or fraction thereof** **Fee (\$)** **Fee Paid (\$)**
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Information Disclosure Stmt**Fees Paid (\$)**180**SUBMITTED BY**

Signature	<u>J. Matthew Zigmant</u>	Registration No. (Attorney/Agent)	44,005	Telephone	415-576-0200
Name (Print/Type)	J. Matthew Zigmant	Date	January (19), 2007		



Substitute for form 1449A&B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

3

Complete if Known

Application Number

10/799,409

Filing Date

March 12, 2004

First Named Inventor

CHONG, Yan

Art Unit

2116

Examiner Name

STOYNOV, Stefan

Attorney Docket Number

015114-066910US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US 5,223,755	June 1993	Richley	
	AB	US 5,223,756	June 1993	Richley	
	AC	US 5,555,214	September 1996	Sung et al.	
	AD	US 5,556,214	September 1996	Sung et al.	
	AE	US 5,604,775	February 1997	Saitoh et al.	
	AF	US 5,633,830	May 1997	Sung et al.	
	AG	US 5,764,080	June 1998	Huang et al.	
	AH	US 5,802,540	September 1998	Sung et al.	
	AI	US 5,828,229	October 1998	Cliff et al.	
	AJ	US 5,970,255	October 1999	Tran et al.	
	AK	US 5,970,258	October 1999	Tran et al.	
	AL	US 5,978,281	November 1999	Anand et al.	
	AM	US 6,002,282	December 1999	Alfke	
	AN	US 6,011,744	January 2000	Sample et al.	
	AO	US 6,044,122	March 2000	Ellersick et al.	
	AP	US 6,049,255	April 2000	Hagberg et al.	
	AQ	US 6,061,292	May 2000	Su et al.	
	AR	US 6,100,713	August 2000	Kalb et al.	
	AS	US 6,128,692	October 2000	Sung et al.	
	AT	US 6,140,854	October 2000	Coddington et al.	
	AU	US 6,147,520	November 2000	Kothandaraman et al.	
	AV	US 6,150,863	November 2000	Conn et al.	
	AW	US 6,157,690	December 2000	Yoneda	
	AX	US 6,178,212	January 2001	Akashi	
	AY	US 6,212,113	April 2001	Maeda	
	AZ	US 6,212,127	April 2001	Funaba et al.	
	BA	US 6,236,231	May 2001	Nguyen et al.	
	BB	US 6,252,419	June 2001	Sung et al.	
	BC	US 6,269,051	July 2001	Funaba et al.	
	BD	US 6,279,073	August 2001	McCracken et al.	
	BE	US 6,295,245	September 2001	Tomita et al.	
	BF	US 6,316,980	November 2001	Vogt et al.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A&B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/799,409
				Filing Date	March 12, 2004
				First Named Inventor	CHONG, Yan
				Art Unit	2116
				Examiner Name	STOYNOV, Stefan
Sheet	2	of	3	Attorney Docket Number	015114-066910US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	BG	US 6,342,796	January 2002	Jung	
	BH	US 6,346,843	February 2002	Takahashi	
	BI	US 6,351,165	February 2002	Gregorian et al.	
	BJ	US 6,351,166	February 2002	Hashimoto	
	BK	US 6,356,509	March 2002	Abdel-Hafeez et al.	
	BL	US 6,400,197	June 2002	Lai et al.	
	BM	US 6,442,102	August 2002	Borkenhagen et al.	
	BN	US 6,445,642	September 2002	Murakami et al.	
	BO	US 6,466,491	October 2002	Yanagawa	
	BP	US 6,472,904	October 2002	Andrews et al.	
	BQ	US 6,492,852	December 2002	Fiscus	
	BR	US 6,504,790	January 2003	Wolford	
	BS	US 6,509,776	January 2003	Kobayashi et al.	
	BT	US 6,518,812	February 2003	Sikkink et al.	
	BU	US 6,525,565	February 2003	Young et al.	
	BV	US 6,525,585	February 2003	Lida et al.	
	BW	US 6,570,944	May 2003	Best et al.	
	BX	US 6,577,694	June 2003	Meghelli	
	BY	US 6,690,201	February 2004	Simking et al.	
	BZ	US 6,798,241	September 2004	Bauer et al.	
	CA	US 6,806,733	October 2004	Pan et al.	
	CB	US 6,816,991	November 2004	Sanghani	
	CC	US 6,864,710	March 2005	Lacey et al.	
	CD	US 6,864,715	March 2005	Bauer et al.	
	CE	US 6,894,531	May-2005	Nouban et al.	
	CF	US 6,940,768	September 2005	Dahlberg et al.	
	CG	US 6,946,872	September 2005	Pan et al.	
	CH	US 7,123,051	10-2006	Lee et al.	
	CI	US 7,126,399	10-2006	Lee	
	CJ	US 2003/0129861	July 2003	Engelhardt et al.	
	CK	US 2004/0000940	January 2004	Chang	
	CL	US 2005/0025190	February 2005	Frich	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A&B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/799,409
				Filing Date	March 12, 2004
				First Named Inventor	CHONG, Yan
				Art Unit	2116
				Examiner Name	STOYNOV, Stefan
Sheet	3	of	3	Attorney Docket Number	015114-066910US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	CM	US 2005/0184776	August 2005	Pilo et al.	
	CN	US 2005/0200390	September 2005	Starr et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CO	MICHAEL B. BENDAK et al., "CMOS VLSI Implementation of Gigabyte/Second Computer Network Links", IEEE, 1996, pp. 269-272	<input type="checkbox"/>
	CP	"Virtex-II 1.5V Field-Programmable Gate Arrays", XILINX, DS031-2 (v1.5), April 2, 2001, pp. 1-36	<input type="checkbox"/>
	CQ	ANDREA BONI et al., "LVDS I/O Interface for Gb/s-per-Pin Operation in 0.35-μm CMOS" IEEE Journal of Solid-State Circuits, vol. 36, no. 4, April 2001, pp. 706-711	<input type="checkbox"/>
	CR	"APEX II Programmable Logic Device Family", Altera Corporation, May 2001, pp. 1-8, 38-59	<input type="checkbox"/>
	CS	"APEX 20K Programmable Logic Device Family", Altera Corporation, May 2001, pp. 1-8, 37-47	<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.